RAW SEQUENCE LISTING

The Biotechnology Systems Branch of the Scientific and Technical Information Center (STIC) no errors detected.

Application Serial Number: _10/516,478_
Source: _PCT/0_
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RAW SEQUENCE LISTING   DATE: 12/09/2004
PATENT APPLICATION: US/10/516,478   TIME: 14:23:50

Input Set : A:\PTQ-0041.ST25.txt
Output Set: N:\CRF4\12092004\J516478.raw

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   3 <110> APPLICANT: Cancer Care Ontario
   4        Lee, Jonathan M.
   6 <120> TITLE OF INVENTION: EEF1A2 FOR USE IN F THE PROGNOSIS, DIAGNOSIS AND TREATMENT
OF CANCER
   8 <130> FILE REFERENCE: PTQ-0041PCT
C--> 10 <140> CURRENT APPLICATION NUMBER: US/10/516,478
C--> 10 <141> CURRENT FILING DATE: 2004-11-30
  10 <150> PRIOR APPLICATION NUMBER: US 60/387,231
  11 <151> PRIOR FILING DATE: 2002-06-07
  13 <160> NUMBER OF SEQ ID NOS: 9
  15 <170> SOFTWARE: PatentIn version 3.1
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  18 <211> LENGTH: 14
  19 <212> TYPE: PRT
  20 <213> ORGANISM: Artificial sequence
  22 <220> FEATURE:
  23 <223> OTHER INFORMATION: Synthetic
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  33 <212> TYPE: DNA
  34 <213> ORGANISM: Artificial sequence
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  45 <212> TYPE: DNA
  46 <213> ORGANISM: Artificial sequence
  48 <220> FEATURE:
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  56 <211> LENGTH: 19
  57 <212> TYPE: DNA
  58 <213> ORGANISM: Artificial sequence
  60 <220> FEATURE:
  61 <223> OTHER INFORMATION: Synthetic
  63 <400> SEQUENCE: 4
  64 ggttgctgtg ggcttgagt                                           19
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Input Set : A:\PTQ-0041.ST25.txt
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70  <213> ORGANISM: Homo sapien
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75  gccgccagtc cctctggctg agacctcggc tccggaatca ctgcagcccc cctcgccctg   120
77  agccagagca ccccgggtcc cgccagcccc tcacactccc agcaaaatgg gcaaggagaa   180
79  gacccacatc aacatcgtgg tcatcggcca cgtggactcc ggaaagtcca ccaccacggg   240
81  ccacctcatc tacaaatgcg gaggtattga caaaaggacc attgagaagt cgagaaggaa   300
83  ggcggctgag atggggaagg gatccttcaa gtatgcctgg gtgctggaca agctgaaggc   360
85  ggagcgtgag cgcggcatca ccatcgacat ctccctctgg aagttcgaga ccaccaagta   420
87  ctacatcacc atcatcgatg cccccggcca ccgcgacttc atcaagaaca tgatcacggg   480
89  tacatcccag gcggactgcg cagtgctgat cgtggcggcg ggcgtgggcg agttcgaggc   540
91  gggcatctcc aagaatgggc agacgcggga gcatgccctg ctggcctaca cgctgggtgt   600
93  gaagcagctc atcgtgggcg tgaacaaaat ggactccaca gagccggcct acagcgagaa   660
95  gcgctacgac gagatcgtca aggaagtcag cgcctacatc aagaagatcg gctacaaccc   720
97  ggccaccgtg ccctttgtgc ccatctccgg ctggcacggt gacaacatgc tggagccctc   780
99  ccccaacatg ccgtggttca agggctggaa ggtggagcgt aaggagggca cgcaagcgg    840
101 cgtgtccctg ctggaggccc tggacaccat cctgcccccc acgcgcccca cggacaagcc   900
103 cctgcgcctg ccgctgcagg acgtgtacaa gattggcggc attggcacgg tgcccgtggg   960
105 ccgggtggag accggcatcc tgcggccggg catggtggtg acctttgcgc cagtgaacat  1020
107 caccactgag gtgaagtcag tggagatgca ccacgaggct ctgagcgaag ctctgcccgg  1080
109 cgacaacgtc ggcttcaatg tgaagaacgt gtcggtgaag gacatccggc ggggcaacgt  1140
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113 catcctgaac cacccggggc agattagcgc cggctactcc ccggtcatcg actgccacac  1260
115 agcccacatc gcctgcaagt ttgcggagct gaaggagaag attgaccggc gctctggcaa  1320
117 gaagctggag gacaacccca agtccctgaa gtctggagac gcggccatcg tggagatggt  1380
119 gccgggaaag cccatgtgtg tggagagctt ctcccagtac ccgcctctcg gccgcttcgc  1440
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123 cggcggcgcc ggcaaggtca ccaagtcggc gcagaaggcg cagaaggcgg gcaagtgaag  1560
125 cgcgggcgcc cgcggcgcga ccctcccccg gcggcgccgc gctccgaaccc cggcccggcc  1620
127 cccgcccgc ccccgcccg cgcgccgctc cggcgccccg cacccccgcc aggcgcatgt  1680
129 ctgcacctcc gcttgccaga ggccctcggt cagcgactgg atgctcgcca tcaaggtcca  1740
131 gtggaagttc ttcaagagga aaggcgcccc cgccccaggc ttccgcgccc agcgctcgcc  1800
133 acgctcagtg cccgtttac caataaactg agcgacccca g                      1841
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137 <211> LENGTH: 463
138 <212> TYPE: PRT
139 <213> ORGANISM: Homo sapien
141 <400> SEQUENCE: 6
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147 Asp Ser Gly Lys Ser Thr Thr Thr Gly His Leu Ile Tyr Lys Cys Gly
148             20                  25                  30
151 Gly Ile Asp Lys Arg Thr Ile Glu Lys Phe Glu Lys Glu Ala Ala Glu
152         35                  40                  45
155 Met Gly Lys Gly Ser Phe Lys Tyr Ala Trp Val Leu Asp Lys Leu Lys
156     50                  55                  60
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Input Set : A:\PTQ-0041.ST25.txt
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159 Ala Glu Arg Glu Arg Gly Ile Thr Ile Asp Ile Ser Leu Trp Lys Phe
160 65                      70                  75                  80
163 Glu Thr Thr Lys Tyr Tyr Ile Thr Ile Ile Asp Ala Pro Gly His Arg
164              85                  90                  95
167 Asp Phe Ile Lys Asn Met Ile Thr Gly Thr Ser Gln Ala Asp Cys Ala
168             100                 105                 110
171 Val Leu Ile Val Ala Ala Gly Val Gly Glu Phe Glu Ala Gly Ile Ser
172         115                 120     ·           125
175 Lys Asn Gly Gln Thr Arg Glu His Ala Leu Leu Ala Tyr Thr Leu Gly
176     130                 135                 140
179 Val Lys Gln Leu Ile Val Gly Val Asn Lys Met Asp Ser Thr Glu Pro
180 145             150                 155                 160
183 Ala Tyr Ser Glu Lys Arg Tyr Asp Glu Ile Val Lys Glu Val Ser Ala
184             165                 170                 175
187 Tyr Ile Lys Lys Ile Gly Tyr Asn Pro Ala Thr Val Pro Phe Val Pro
188             · 180                 185                 190
191 Ile Ser Gly Trp His Gly Asp Asn Met Leu Glu Pro Ser Pro Asn Met
192         195                 200                 205
195 Pro Trp Phe Lys Gly Trp Lys Val Glu Arg Lys Glu Gly Asn Ala Ser
196   · 210                 215                 220
199 Gly Val Ser Leu Leu Glu Ala Leu Asp Thr Ile Leu Pro Pro Thr Arg
200 225             230                 235                 240
203 Pro Thr Asp Lys Pro Leu Arg Leu Pro Leu Gln Asp Val Tyr Lys Ile
204             245                 250                 255
207 Gly Gly Ile Gly Thr Val Pro Val Gly Arg Val Glu Thr Gly Ile Leu
208             260                 265                 270
211 Arg Pro Gly Met Val Val Thr Phe Ala Pro Val Asn Ile Thr Thr Glu
212         275                 280                 285
215 Val Lys Ser Val Glu Met His His Glu Ala Leu Ser Glu Ala Leu Pro
216     290                 295                 300
219 Gly Asp Asn Val Gly Phe Asn Val Lys Asn Val Ser Val Lys Asp Ile
220 305                 310                 315                 320
223 Arg Arg Gly Asn Val Cys Gly Asp Ser Lys Ser Asp Pro Pro Gln Glu
224             325                 330                 335
227 Ala Ala Gln Phe Thr Ser Gln Val Ile Ile Leu Asn His Pro Gly Gln
228             340                 345                 350
231 Ile Ser Ala Gly Tyr Ser Pro Val Ile Asp Cys His Thr Ala His Ile
232         355                 360                 365
235 Ala Cys Lys Phe Ala Glu Leu Lys Glu Lys Ile Asp Arg Arg Ser Gly
236     370                 375                 380
239 Lys Lys Leu Glu Asp Asn Pro Lys Ser Leu Lys Ser Gly Asp Ala Ala
240 385                 390                 395                 400
243 Ile Val Glu Met Val Pro Gly Lys Pro Met Cys Val Glu Ser Phe Ser
244             405                 410                 415·
247 Gln Tyr Pro Pro Leu Gly Arg Phe Ala Val Arg Asp Met Arg Gln Thr
248             420                 425                 430
251 Val Ala Val Gly Val Ile Lys Asn Val Glu Lys Lys Ser Gly Gly Ala
252         435                 440                 445
255 Gly Lys Val Thr Lys Ser Ala Gln Lys Ala Gln Lys Ala Gly Lys
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256     450              455              460
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260 <211> LENGTH: 1837
261 <212> TYPE: DNA
262 <213> ORGANISM: Homo sapien
264 <400> SEQUENCE: 7
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267 aaatgggaaa ggaaaagact catatcaaca ttgtcgtcat tggacacgta gattcgggca    120
269 agtccaccac tactggccat ctgatctata aatgcggtgg catcgacaaa agaaccattg    180
271 aaaaatttga gaaggaggct gctgagatgg gaaagggctc cttcaagtat gcctgggtct    240
273 tggataaact gaaagctgag cgtgaacgtg gtatcaccat tgatatctcc ttgtggaaat    300
275 ttgagaccag caagtactat gtgactatca ttgatgcccc aggacacaga gactttatca    360
277 aaaacatgat tacagggaca tctcaggctg actgtgctgt cctgattgtt gctgctggtg    420
279 ttggtgaatt tgaagctggt atctccaaga atgggcagac ccgagagcat gcccttctgg    480
281 cttacacact gggtgtgaaa caactaattg tcggtgttaa caaaatggat tccactgagc    540
283 caccctacag ccagaagaga tatgaggaaa ttgttaagga agtcagcact tacattaaga    600
285 aaattggcta caaccccgac acagtagcat ttgtgccaat ttctggttgg aatggtgaca    660
287 acatgctgga gccaagtgct aacatgcctt ggttcaaggg atggaaagtc acccgtaagg    720
289 atggcaatgc cagtggaacc acgctgcttg aggctctgga ctgcatccta ccaccaactc    780
291 gtccaactga caagcccttg cgcctgcctc tccaggatgt ctacaaaatt ggtggtattg    840
293 gtactgttcc tgttggccga gtggagactg gtgttctcaa acccggtatg gtggtcacct    900
295 ttgctccagt caacgttaca acggaagtaa aatctgtcga aatgcaccat gaagctttga    960
297 gtgaagctct tcctggggac aatgtgggct tcaatgtcaa_gaatgtgtct gtcaaggatg   1020
299 ttcgtcgtgg caacgttgct ggtgacagca aaaatgaccc accaatggaa gcagctggct   1080
301 tcactgctca ggtgattatc ctgaaccatc caggccaaat aagcgccggc tatgcccctg   1140
303 tattggattg ccacacggct cacattgcat gcaagtttgc tgagctgaag gaaaagattg   1200
305 atcgccgttc tggtaaaaag ctggaagatg gccctaaatt cttgaagtct ggtgatgctg   1260
307 ccattgttga tatggttcct ggcaagccca tgtgtgttga gagcttctca gactatccac   1320
309 ctttgggtcg ctttgctgtt cgtgatatga gacagacagt tgcggtgggt gtcatcaaag   1380
311 cagtggacaa gaaggctgct ggagctggca aggtcaccaa gtctgcccag aaagctcaga   1440
313 aggctaaatg aatattatcc ctaataccctg ccacccccact cttaatcagt ggtggaagaa   1500
315 cggtctcaga actgtttgtt tcaattggcc atttaagttt agtagtaaaa gactggttaa   1560
317 tgataacaat gcatcgtaaa accttcagaa ggaaaggaga atgttttgtg gaccactttg   1620
319 gtttttttt ttgcgtgtgg cagtttttaag ttattagttt ttaaaatcag tacttttttaa   1680
321 tggaaacaac ttgaccaaaa atttgtcaca gaattttgag acccattaaa aaagttaaat   1740
323 gagaaaaaaa aaaaaaaaaa aaaaaaaaaa aaaaaaaaaa aaaaaaaaaa aaaaaaaaaa   1800
325 aaaaaaaaaa aaaaaaaaaa aaaaaaaaaa aaaaaaa                           1837
328 <210> SEQ ID NO: 8
329 <211> LENGTH: 13
330 <212> TYPE: PRT
331 <213> ORGANISM: Artificial sequence
333 <220> FEATURE:
334 <223> OTHER INFORMATION: Synthetic
336 <400> SEQUENCE: 8
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339 1               5                   10
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343 <211> LENGTH: 13
344 <212> TYPE: PRT
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345 <213> ORGANISM: Artificial sequence
347 <220> FEATURE:
348 <223> OTHER INFORMATION: Synthetic
350 <400> SEQUENCE: 9
352 Ser Gly Val Ser Leu Leu Glu Ala Leu Asp Thr Ile Leu
353 1   5   10

VERIFICATION SUMMARY   DATE: 12/09/2004
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Output Set: **N:\CRF4\12092004\J516478.raw**

L:10 M:270 C: Current Application Number differs, Replaced Current Application No
L:10 M:271 C: Current Filing Date differs, Replaced Current Filing Date